

25

the parental bed 42 includes first 886 and second 890 strap members. Each of the strap members 886, 890 has a first end 894 and a second end 898. A pair of securing strap attachment means 598 is provided. The securing strap attachment means 598 is connected to the rigid frame 14 of the co-sleeper 10. Attachment cooperation means 602 are located at the first ends 894 of each of the first 886 and second 890 strap members for reversible connection to the pair of securing strap attachment means 598. First 818 and second 818 hook members are provided. Each of the hook members 818 is attached to the second end 898 of one of the first 886 and second 890 strap members.

Adjusting means 606 are provided for adjusting a length of the first 886 and second 890 strap members and tightening them after connecting the attachment cooperation means 602 to the pair of securing strap attachment means 598. The first 886 and second 890 strap members are properly positioned when located under the mattress 610 and above the surface 614 on which the mattress 610 rests and extended downwardly to a bed frame 822 and held in place by the first 818 and second 818 hook members attaching to the bed frame 822 at the side 580 of the parental bed 42 opposite placement of the co-sleeper 10 and the adjusting means 606 is tightened so the co-sleeper 10 is held fast to the parental bed 42.

In yet a further variant, as shown in FIG. 43, the securing strap attachment means 598 are connected to either of the front upper horizontal rail 182 and front lower horizontal rail 134. In still a further variant, as shown in FIG. 44, the securing strap attachment means 598 are connected to either of the front 166, 170 and rear 174, 178 vertical rails.

In still another variant of the invention, as shown in FIG. 45, the means 74 for removably attaching the rigid frame 14 to the side 78 of the parental bed 42 includes first 894 and second 898 strap members. Each of the strap members 894, 898 has a first end 902 and a second end 906. A securing strap attachment means 598 is located at the first end 902 of the first strap member 894. An attachment cooperation means 602 is located at the first end 902 of the second strap member 898 for reversible connection to the securing strap attachment means 598. First 818 and second 818 hook members are provided. Each of the hook members 818 is attached to the second end 906 of one of the first 894 and second 898 strap members.

Adjusting means 606 are provided for adjusting a length of either of the first 894 and second 898 strap members and tightening them after connecting the attachment cooperation means 602 to the securing strap attachment means 598. The first 894 and second 898 strap members are properly positioned when located under the mattress 610 and above the surface 614 on which the mattress 610 rests and extended downwardly to a bed frame 822 and held in place by the first 818 and second 818 hook members attaching to the bed frame 822 at the side 580 of the parental bed 42 opposite placement of the co-sleeper 10 with the securing strap attachment means 598 connected to the attachment cooperation means 602 behind the back side element 86 of the rigid frame 14 and the adjusting means 606 tightened so the co-sleeper 10 is held fast to the parental bed 42.

In a further variant, the adjusting means 606 is disposed at a point on the strap member 578 adjacent the resistance plate member 590. In still a further variant, the adjusting means 606 is disposed at the leg end 778 of the Y-shaped strap member 774 adjacent the resistance plate member 590. In yet a further variant of the invention, the adjusting means 606 is disposed at a point on the strap member 806 adjacent the hook member 818. In another variant, the adjusting

26

means 606 is disposed at the leg end 830 of the Y-shaped strap member 826 adjacent the hook member 818. In still another variant, the adjusting means 606 are disposed at points on the first 846 and second 850 strap member adjacent the first 862 and second 866 resistance plate members. In a final variant of the invention, the adjusting means 606 are disposed at points on the first 886 and second 890 strap member adjacent the first 818 and second 818 hook members.

The combination co-sleeper and changing table 10 has been described with reference to particular embodiments. Other modifications and enhancements can be made without departing from the spirit and scope of the claims that follow.

What is claimed is:

1. A co-sleeper convertibly adapted for use as a changing table comprising:

a rigid frame, said frame providing means for attaching a support platform at a first predetermined height;

said first predetermined height being less than a height of a top surface of a mattress of a parental bed;

an enclosure, said enclosure having an open top, a surrounding wall and a floor, said floor having an upper surface and a lower surface;

said enclosure being sized and shaped to fit removably over said rigid frame with the lower surface of the floor disposed upon the support platform;

a mattress pad, said mattress pad being sized and shaped to fit slidably within the enclosure; and

means for removably attaching the rigid frame to a side of the parental bed.

2. A co-sleeper convertibly adapted for use as a changing table as described in claim 1, wherein:

the rigid frame includes a front side element, a back side element, a first side element and a second side element;

the rigid frame being formed at a top by a rear upper horizontal rail and first and second upper side parallel horizontal rails and two upper front corner members and two upper rear corner members in cooperation therewith, and being formed adjacent a floor by front and rear lower parallel horizontal rails and first side and second side lower parallel horizontal rails and four lower corner leg members in cooperation therewith, and a pair of front vertical rails and a pair of rear vertical rails in further cooperation with the two upper front corner members and the two upper rear corner members and the four lower corner leg members, and a front upper horizontal rail in cooperation with said front vertical rails, said front upper horizontal rail having a first end and a second end;

said rear upper horizontal rail and first and second upper side parallel horizontal rails being disposed at a second predetermined height and said front upper horizontal rail being disposed at a third, lower predetermined height; and

said third predetermined height being greater than said first predetermined height and said second predetermined height being greater than said third predetermined height.

3. A co-sleeper convertibly adapted for use as a changing table as described in claim 2, wherein the support platform comprises:

first and second intermediate side parallel horizontal rails and first and second horizontal support rails;

said first and second intermediate side parallel horizontal rails having first and second ends, a mid point and

27

being removably connected at said first and second ends to the front and rear vertical rails of the first and second side elements, respectively; and

said first and second horizontal support rails having first and second ends, a mid point and being removably connected at said first and second ends to the first and second intermediate side parallel horizontal rails.

4. A co-sleeper convertibly adapted for use as a changing table as described in claim 2, wherein the support platform comprises:

first, second, third and fourth support hangers, each of said support hangers having a first end, a second end, an inner side and an outer side and having a curved hooking portion disposed at said first end;

said hooking portion being sized and shaped to fit frictionally over the rigid frame and one of the first and second upper side horizontal rails;

each of said support hangers further including at least two circular orifices, said orifices extending from the inner side to the outer side of said hangers, at least two spring button housings, said housings disposed upon the outer sides of said support hangers adjacent said orifices, each of said spring button housings including a finger opening;

two support rods, each of said rods having a first end and a second end and being sized and shaped to extend between one of the first and second support hangers and one of the third and fourth support hangers when said support hangers are disposed upon one of the first and second upper side horizontal rails, each of said support rods having a spring button mounted at the first end and the second end, said spring button being sized and shaped to engage said spring button housing;

whereby, when the first and second ends of the support rods are introduced into the orifices of the support hangers, and the support hangers are disposed upon one of the first and second upper side horizontal rails, the spring buttons will removably engage the spring button housings of the hangers, thereby providing a support platform for the enclosure.

5. A co-sleeper convertibly adapted for use as a changing table as described in claim 4, wherein the enclosure further comprises at least one tie down strap, said strap being fixedly attached to a lower portion of the enclosure and serving to secure the enclosure to the rigid frame so as to prevent the enclosure from rocking on the support hangers.

6. A co-sleeper convertibly adapted for use as a changing table as described in claim 2, wherein the support platform comprises:

a series of rigid floor panels, said floor panels being sized and shaped to fit within dimensions of the floor of the enclosure;

a series of panel pockets, said panel pockets having an upper surface and a lower surface and being fixedly attached at their upper surfaces to the lower surface of the enclosure and being sized and shaped to removably enclose said rigid floor panels;

a series of support bars, said bars being sized and shaped to fit within dimensions of the floor of the enclosure;

a series of bar pockets, said bar pockets having an upper surface and a lower surface and being fixedly attached at their upper surfaces to the lower surface of the panel pockets and being sized and shaped to removably enclose said support bars; and

whereby, when said rigid floor panels are inserted into said panel pockets, said support bars are inserted into

28

said bar pockets and said enclosure is installed on said rigid frame, the enclosure will include a support platform maintained at said first predetermined height.

7. A co-sleeper convertibly adapted for use as a changing table as described in claim 2, further comprising:

means for pivotally mounting the front upper horizontal rail to the front vertical rails;

means for pivotally mounting the rear upper horizontal rail to the upper rear corner members;

a frame locking device positioned at center points of the front and rear upper horizontal rails pivotally mounted thereto and permitting said front and rear upper rail to pivot downwardly from an open top of the frame;

means for pivotally mounting the first and second upper side horizontal rails to the upper front and rear corner members;

frame locking devices positioned at center points of the first and second upper side horizontal rails being pivotally mounted thereto and permitting each of said rails to pivot downwardly from the open top of the frame;

means for pivotally mounting the first and second lower side horizontal rails to the lower front and rear corner members;

frame locking devices positioned at center points of the first and second side lower horizontal rails being pivotally mounted thereto and permitting each of said rails to pivot upwardly;

means for pivotally mounting the front and rear lower horizontal rails to the lower front and rear corner members, respectively; and

frame locking devices positioned at center points of the front and rear lower horizontal rails being pivotally mounted thereto and permitting each of said rails to pivot upwardly;

whereby, said frame may be quickly folded into a compact package for transport and storage by releasing the frame locking devices and depressing the upper horizontal rails downwardly while pulling upwardly on the lower horizontal rails, thereby causing the upper horizontal rails to bend downwardly and the lower horizontal rails to bend upwardly and the vertical rails to move inwardly.

8. A co-sleeper convertibly adapted for use as a changing table as described in claim 3, wherein the means for removably connecting the first and second intermediate side parallel horizontal rails to the front and rear vertical rails of the first and second side elements and the first and second horizontal support rails to the first and second intermediate side parallel horizontal rails comprises:

a plurality of coupling units, said coupling units being mounted to each of the first and second ends of the intermediate side parallel horizontal rails, the first and second horizontal support rails and front upper horizontal rail;

said coupling units including a T-shaped protrusion orthogonal to the rails and extending from a lower end of the coupling unit to an upper end of the coupling unit and terminating in a stop;

a resilient securing tab disposed on the coupling unit below the T-shaped protrusion, said securing tab including a locking projection spaced downwardly from a lower end of said T-shaped protrusion and extending outwardly from said securing tab, said locking projection having a flattened upper surface orthogonal to said securing tab;

29

a plurality of receiving units, said receiving units being mounted to each of the front and rear vertical rails and the intermediate side parallel horizontal rails;

said receiving units having a mating T-shaped slot extending from an upper end of the receiving unit to a lower end of the receiving unit, said slot terminating in a closed end, said closed end having a flattened lower surface;

said receiving units being sized shaped and disposed to removably secure said coupling units with said locking projection removably engaging the flattened lower surface of the closed end of the mating T-shaped slot when the T-shaped protrusion of the coupling unit is seated in the T-shaped slot of the receiving unit; and

whereby when said coupling units are removably attached to said receiving units, the first and second ends of the intermediate side parallel horizontal rails and the front upper horizontal rail will be removably connected to the front and rear vertical rails and the first and second horizontal support rails will be removably connected to the intermediate side parallel horizontal rails.

9. A co-sleeper convertibly adapted for use as a changing table as described in claim 2, wherein the enclosure further comprises:

a back wall, a front wall and first and second side walls; said back wall, first and second side walls extending from the floor to at least a height of the rear upper horizontal rail and first and second upper side parallel horizontal rails;

said front wall extending from the floor to at least a height of the front upper horizontal rail;

each of said walls having a padded inner layer, said inner layer disposed between the front side element, back side element, first side element and second side element;

each of said walls having an outer layer, said outer layer extending outwardly from the rigid frame;

said padded inner layers and said outer layers being joined along upper edges and outer corners to form a pocket enclosing the front and rear upper horizontal rail and first and second upper side parallel horizontal rails and upper portions of the front and rear vertical rails; and at least one tie down, said tie down being fixedly attached at a lower corner of the enclosure for removably securing the enclosure to the rigid frame.

10. A co-sleeper convertibly adapted for use as a changing table as described in claim 2, wherein the enclosure further comprises:

a back wall, a front wall and first and second side walls; said back wall, first and second side walls extending from the floor to at least the height of the rear upper horizontal rail and first and second upper side parallel horizontal rails;

said front wall extending from the floor to at least the height of the front upper horizontal rail;

each of said walls having a padded inner layer, said inner layer having an inner surface and an outer surface and being disposed between the front side element, back side element, first side element and second side element;

each of said walls having an outer layer, said outer layer having an inner surface and an outer surface and extending outwardly from the rigid frame;

said padded inner layers and said outer layers being joined along upper edges forming a series of exterior flaps

30

extending downwardly from the front and rear upper horizontal rail and first and second upper side parallel horizontal rails; and

means for removably attaching the outer surfaces of the padded inner layers to the inner surfaces of the outer layers to secure the enclosure to the rigid frame.

11. A co-sleeper convertibly adapted for use as a changing table as described in claim 9, wherein the enclosure further comprises:

a series of rigid panels, said panels being sized and shaped to provide structural support for the back wall, front wall and first and second side walls of the enclosure;

a series of pockets, said pockets being disposed upon an outer surface of the padded inner layers of said walls and being sized and shaped to removably enclose said rigid panels;

a series of openings in the outer layers of the walls for accessing the pockets; and

whereby when the rigid panels are installed in the pockets, an occupant of the enclosure will not be able to push the walls outwardly beyond the rigid frame to produce an entrapping fold.

12. A co-sleeper convertibly adapted for use as a changing table as described in claim 10, wherein the enclosure further comprises:

a series of rigid panels, said panels being sized and shaped to provide structural support for the back wall, front wall and first and second side walls of the enclosure;

a series of pockets, said pockets being disposed upon the outer surface of the padded inner layers of said walls and being sized and shaped to removably enclose said rigid panels; and

whereby when the rigid panels are installed in the pockets, an occupant of the enclosure will not be able to push the walls outwardly beyond the rigid frame to produce an entrapping fold.

13. A co-sleeper convertibly adapted for use as a changing table as described in claim 9, wherein the enclosure further comprises:

a series of mesh panels, said mesh panels being disposed along lower portions of the padded inner layers of the walls; and

whereby said mesh panels will provide additional breathing capability for an occupant of the enclosure that becomes trapped against one of the walls.

14. A co-sleeper convertibly adapted for use as a changing table as described in claim 10, wherein the enclosure further comprises:

a series of mesh panels, said mesh panels being disposed along lower portions of the padded inner layers of the walls; and

whereby said mesh panels will provide additional breathing capability for and occupant of the enclosure that becomes trapped against one of the walls.

15. A co-sleeper convertibly adapted for use as a changing table as described in claim 1 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:

a strap member having a first end and a second end;

a resistance plate member having at least two slots vertically aligned and centrally disposed at which the strap member is attached such that the first end and the second end are equidistant from the plate member;

a pair of securing strap attachment means, said securing strap attachment means being connected to either of the front and rear vertical rails of the rigid frame;

31

attachment cooperation means disposed at the first end and the second end of the strap member for reversible connection to the pair of securing strap attachment means; and

adjusting means for adjusting a length of the strap member and tightening same after connecting the attachment cooperation means to the pair of securing strap attachment means;

wherein, the strap member is properly positioned when disposed under a mattress and above a surface on which said mattress rests and held in place by the resistance plate member disposed vertically at the side of the parental bed opposite placement of the co-sleeper and the adjusting means is tightened so the co-sleeper is held fast to the parental bed.

16. A co-sleeper convertibly adapted for use as a changing table as described in claim 1, wherein the mattress pad has a top surface and a bottom surface and is covered with a washable fabric and padded on its top surface.

17. A co-sleeper convertibly adapted for use as a changing table as described in claim 16, wherein the mattress pad is segmented into at least four segments closely aligned, is capable of being folded, said mattress pad serving as an enclosure for the co-sleeper when folded for transport and storage.

18. A co-sleeper convertibly adapted for use as a changing table as described in claim 17, wherein the mattress pad further comprises at least one pair of reversibly separable attachment means and the enclosure comprises a series of openings sized shaped and disposed to permit the attachment means to secure the mattress pad to the support platform.

19. A convertible playpen configured as a co-sleeper as described in claim 18, wherein the mattress pad further comprises at least one pair of reversibly separable attachment means and the enclosure further comprises a series of openings sized shaped and disposed to permit the attachment means to secure the mattress pad to the rigid frame.

20. A co-sleeper convertibly adapted for use as a changing table as described in claim 7, wherein the rigid frame is formed of hollow tubing, the horizontal rails each have a first portion and a second portion, each portion having an inboard end and an outboard end, and the frame locking devices positioned at center points of said rails further comprise:

a connecting frame, said frame pivotally mounted to the inboard ends of each of the first and second portions of said horizontal rails;

said connecting frame including a pair of locking holes; a pair of spring-loaded buttons mounted within said horizontal rails, said buttons being sized, shaped and disposed to engage the locking holes in the connecting frame when the first and second portions of said rails are collinear; and

means for pushing both buttons inwardly so as to clear the locking holes in the connecting frame simultaneously, thereby permitting the horizontal rails to be pivoted.

21. A co-sleeper convertibly adapted for use as a changing table as described in claim 20, further comprising:

means for locking the spring-loaded buttons within the horizontal rails so as to clear the locking holes in the connecting frame after pushing the buttons inwardly when the first and second portions of said rails are collinear, thereby permitting easy folding of the rigid frame; and

means for unlocking the spring-loaded buttons upon folding of the rigid frame, thereby permitting the buttons to lock into the connecting frame when the rigid frame is unfolded.

32

22. A co-sleeper convertibly adapted for use as a changing table as described in claim 7, wherein the rigid frame is formed of hollow tubing, the horizontal rails each have a first portion and a second portion, each portion having an inboard end and an outboard end, and the frame locking devices positioned at center points of said rails further comprise:

an outer connecting housing, said connecting housing formed of rigid material and being pivotally mounted to the inboard ends of each of the first and second portions of said horizontal rails;

an inner spring housing, said spring housing being pivotally mounted to the inboard ends of each of the first and second portions of said horizontal rails such that said pivotal mountings are collinear with the mountings of the outer connecting housing; and

said inner spring housing being disposed within the outer connecting housing and being sized, shaped and disposed to fit frictionally about the inboard ends of each of the first and second portions of said rails and capable of expanding within said outer connecting housing to permit pivoting of said inboard ends when the rigid frame is folded, thereby providing a means of locking said inboard ends in collinear alignment when the rigid frame is unfolded.

23. A co-sleeper convertibly adapted for use as a changing table as described in claim 7, wherein the rigid frame is formed of hollow tubing, the horizontal rails each have a first portion and a second portion, each portion having an inboard end and an outboard end, and the frame locking devices positioned at center points of said rails further comprise:

a spring housing, said spring housing being pivotally mounted upon a pair of mounting pins to the inboard ends of each of the first and second portions of said horizontal rails;

said spring housing including first and second pairs of arcuate alignment slots and first and second pairs of positioning detents;

first and second alignment pins, said pins being mounted parallel to said mounting pins and spaced outwardly from the inboard ends of the first and second portions of said horizontal rails;

said alignment pins being sized, shaped and disposed to fit slidably within said arcuate alignment slots;

each of said pairs of positioning detents spaced apart by a distance slightly greater than a diameter of one of the horizontal rails; and

whereby, when the first and second portions of said horizontal rails are collinear, said rails will be within said spring housing and when said rails are pivoted with respect to one another to fold the rigid frame, the detents will be urged against the rails by the spring resistance of the housing, causing the housing to spread apart, such resistance serving to maintain the collinear alignment of the rails when the rigid frame is erected.

24. A co-sleeper convertibly adapted for use as a changing table as described in claim 2, further comprising height adjusting extensions cooperating with each of the four lower corner leg members.

25. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:

33

a strap member having a first end and a second end;  
 a pair of securing strap attachment means, said securing strap attachment means being connected to the rigid frame of the co-sleeper;  
 attachment cooperation means disposed at the first end and the second end of the strap member for reversible connection to the pair of securing strap attachment means; and  
 adjusting means for adjusting a length of the strap member and tightening same after connecting the attachment cooperation means to the pair of securing strap attachment means;  
 wherein, the strap member is properly positioned when connected to one of the strap attachment means and extended over a top surface of a mattress, down a back side of the mattress and underneath the mattress and connected to the other strap attachment means, the adjusting means being tightened to prevent movement of the co-sleeper with respect to the parental bed.  
 26. A co-sleeper convertibly adapted for use as a changing table as described in claim 25 wherein the securing strap attachment means are connected to either of the front upper horizontal rail and front lower horizontal rail.  
 27. A co-sleeper convertibly adapted for use as a changing table as described in claim 25 wherein the securing strap attachment means are connected to either of the front and rear vertical rails.  
 28. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:  
 a strap member having a first end and a second end;  
 a securing strap attachment means, said securing strap attachment means disposed at the first end of the strap member;  
 an attachment cooperation means disposed at the second end of the strap member for reversible connection to the securing strap attachment means; and  
 adjusting means for adjusting a length of the strap member and tightening same after connecting the attachment cooperation means to the securing strap attachment means;  
 wherein, the strap member is properly positioned when extended over the top surface of a mattress, down the back side of the mattress and underneath the mattress, terminating behind the back side element with the securing strap attachment means connected to the attachment cooperation means, the adjusting means being tightened to prevent movement of the co-sleeper with respect to the parental bed.  
 29. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:  
 a Y-shaped strap member, said strap member having a leg end and first and second arm ends;  
 a resistance plate member, said resistance plate member disposed at the leg end of the Y-shaped strap member;  
 a pair of securing strap attachment means, said securing strap attachment means being connected to the rigid frame of the co-sleeper;  
 attachment cooperation means disposed at the first and second arm ends of the Y-shaped strap member for reversible connection to the pair of securing strap attachment means;

34

adjusting means for adjusting a length of the strap member and tightening same after connecting the attachment cooperation means to the pair of securing strap attachment means; and  
 wherein, the strap member is properly positioned when disposed under a mattress and above a surface on which said mattress rests and held in place by the resistance plate member disposed vertically at a side of the parental bed opposite placement of the co-sleeper and the adjusting means tightened so the co-sleeper is held fast to the parental bed.  
 30. A co-sleeper convertibly adapted for use as a changing table as described in claim 29 wherein the securing strap attachment means are connected to either of the front upper horizontal rail and front lower horizontal rail.  
 31. A co-sleeper convertibly adapted for use as a changing table as described in claim 29 wherein the securing strap attachment means are connected to either of the front and rear vertical rails.  
 32. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:  
 a Y-shaped strap member, said strap member having a leg end and first and second arm ends;  
 a resistance plate member, said resistance plate member disposed at the leg end of the Y-shaped strap member;  
 a securing strap attachment means, said attachment means disposed at the first arm end of the Y-shaped strap member;  
 an attachment cooperation means disposed at the second arm end of the Y-shaped strap member for reversible connection to the securing strap attachment means;  
 adjusting means for adjusting a length of the strap member and tightening same after connecting the attachment cooperation means to the securing strap attachment means; and  
 wherein, the strap member is properly positioned when disposed under a mattress and above a surface on which said mattress rests and held in place by the resistance plate member disposed vertically at a side of the parental bed opposite placement of the co-sleeper, the securing strap attachment means connected to the attachment cooperation means behind the back side element of the rigid frame and the adjusting means tightened so the co-sleeper is held fast to the parental bed.  
 33. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:  
 a strap member having a first end and a second end;  
 a hook member, said hook member being slidably mounted to the strap member such that the first end and the second end are equidistant from the hook member;  
 a pair of securing strap attachment means, said securing strap attachment means being connected to the rigid frame of the co-sleeper;  
 attachment cooperation means disposed at the first end and the second end of the strap member for reversible connection to the pair of securing strap attachment means; and  
 adjusting means for adjusting a length of the strap member and tightening same after connecting the attachment cooperation means to the pair of securing strap attachment means;

35

wherein, the strap member is properly positioned when disposed under a mattress and above a surface on which said mattress rests and extending downwardly to a bed frame and held in place by the hook member attaching to said bed frame, at a side of the parental bed opposite placement of the co-sleeper and the adjusting means is tightened so the co-sleeper is held fast to the parental bed.

34. A co-sleeper convertibly adapted for use as a changing table as described in claim 33 wherein the securing strap attachment means are connected to either of the front upper horizontal rail and front lower horizontal rail.

35. A co-sleeper convertibly adapted for use as a changing table as described in claim 33 wherein the securing strap attachment means are connected to either of the front and rear vertical rails.

36. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:

a Y-shaped strap member, said strap member having a leg end and first and second arm ends;

a hook member, said hook member disposed at the leg end of the Y-shaped strap member;

a pair of securing strap attachment means, said securing strap attachment means being connected to the rigid frame of the co-sleeper;

attachment cooperation means disposed at the first and second arm ends of the Y-shaped strap member for reversible connection to the pair of securing strap attachment means;

adjusting means for adjusting a length of the strap member and tightening same after connecting the attachment cooperation means to the pair of securing strap attachment means; and

wherein, the strap member is properly positioned when disposed under a mattress and above a surface on which said mattress rests and extending downwardly to a bed frame and held in place by the hook member attaching to said bed frame at the side of the parental bed opposite placement of the co-sleeper and the adjusting means tightened so the co-sleeper is held fast to the parental bed.

37. A co-sleeper convertibly adapted for use as a changing table as described in claim 36 wherein the securing strap attachment means are connected to either of the front upper horizontal rail and front lower horizontal rail.

38. A co-sleeper convertibly adapted for use as a changing table as described in claim 36 wherein the securing strap attachment means are connected to either of the front and rear vertical rails.

39. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:

a Y-shaped strap member, said strap member having a leg end and first and second arm ends;

a hook member, said hook member disposed at the leg end of the Y-shaped strap member;

a securing strap attachment means, said attachment means disposed at the first arm end of the Y-shaped strap member;

an attachment cooperation means disposed at the second arm end of the Y-shaped strap member for reversible connection to the securing strap attachment means;

36

adjusting means for adjusting a length of the strap member and tightening same after connecting the attachment cooperation means to the securing strap attachment means; and

wherein, the strap member is properly positioned when disposed under a mattress and above a surface on which said mattress rests and extending downwardly to a bed frame and held in place by the hook member attaching to said bed frame at the side of the parental bed opposite placement of the co-sleeper, the securing strap attachment means connected to the attachment cooperation means behind the back side element of the rigid frame and the adjusting means tightened so the co-sleeper is held fast to the parental bed.

40. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:

first and second strap members, each of said strap members having a first end and a second end;

a pair of securing strap attachment means, said securing strap attachment means being connected to the rigid frame of the co-sleeper;

attachment cooperation means disposed at the first ends of each of the first and second strap members for reversible connection to the pair of securing strap attachment means;

first and second resistance plate members, each of said resistance plate members attached to the second end of one of the first and second strap members;

adjusting means for adjusting a length of the first and second strap members and tightening same after connecting the attachment cooperation means to the pair of securing strap attachment means;

wherein, the first and second strap members are properly positioned when disposed under a mattress and above a surface on which said mattress rests and held in place by the first and second resistance plate members disposed vertically at a side of the parental bed opposite placement of the co-sleeper and the adjusting means is tightened so the co-sleeper is held fast to the parental bed.

41. A co-sleeper convertibly adapted for use as a changing table as described in claim 40 wherein the securing strap attachment means are connected to either of the front upper horizontal rail and front lower horizontal rail.

42. A co-sleeper convertibly adapted for use as a changing table as described in claim 40 wherein the securing strap attachment means are connected to either of the front and rear vertical rails.

43. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:

first and second strap members, each of said strap members having a first end and a second end;

a securing strap attachment means, said securing strap attachment means disposed at the first end of the first strap member;

an attachment cooperation means disposed at the first end of the second strap member for reversible connection to the securing strap attachment means;

first and second resistance plate members, each of said resistance plate members attached to the second end of one of the first and second strap members;

37

adjusting means for adjusting a length of either of the first and second strap members and tightening same after connecting the attachment cooperation means to the securing strap attachment means;

wherein, the first and second strap members are properly positioned when disposed under a mattress and above a surface on which said mattress rests and held in place by the first and second resistance plate members disposed vertically at a side of the parental bed opposite placement of the co-sleeper, the securing strap attachment means connected to the attachment cooperation means behind the back side element of the rigid frame and the adjusting means tightened so the co-sleeper is held fast to the parental bed.

44. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:

first and second strap members, each of said strap members having a first end and a second end;

a pair of securing strap attachment means, said securing strap attachment means being connected to the rigid frame of the co-sleeper;

attachment cooperation means disposed at the first ends of each of the first and second strap members for reversible connection to the pair of securing strap attachment means;

first and second hook members, each of said hook members attached to the second end of one of the first and second strap members;

adjusting means for adjusting a length of the first and second strap members and tightening same after connecting the attachment cooperation means to the pair of securing strap attachment means;

wherein, the first and second strap members are properly positioned when disposed under a mattress and above a surface on which said mattress rests and extending downwardly to a bed frame and held in place by the first and second hook members attaching to said bed frame at the side of the parental bed opposite placement of the co-sleeper and the adjusting means is tightened so the co-sleeper is held fast to the parental bed.

45. A co-sleeper convertibly adapted for use as a changing table as described in claim 43 wherein the securing strap attachment means are connected to either of the front upper horizontal rail and front lower horizontal rail.

46. A co-sleeper convertibly adapted for use as a changing table as described in claim 43 wherein the securing strap attachment means are connected to either of the front and rear vertical rails.

47. A co-sleeper convertibly adapted for use as a changing table as described in claim 2 wherein the means for removably attaching the rigid frame to the side of the parental bed further comprises:

38

first and second strap members, each of said strap members having a first end and a second end;

a securing strap attachment means, said securing strap attachment means disposed at the first end of the first strap member;

an attachment cooperation means disposed at the first end of the second strap member for reversible connection to the securing strap attachment means;

first and second hook members, each of said hook members attached to the second end of one of the first and second strap members;

adjusting means for adjusting a length of either of the first and second strap members and tightening same after connecting the attachment cooperation means to the securing strap attachment means;

wherein, the first and second strap members are properly positioned when disposed under a mattress and above a surface on which said mattress rests and extending downwardly to a bed frame and held in place by the first and second hook members attaching to said bed frame at a side of the parental bed opposite placement of the co-sleeper, the securing strap attachment means connected to the attachment cooperation means behind the back side element of the rigid frame and the adjusting means tightened so the co-sleeper is held fast to the parental bed.

48. A co-sleeper convertibly adapted for use as a changing table as described in claim 15 wherein the adjusting means is disposed at a point on the strap member adjacent the resistance plate member.

49. A co-sleeper convertibly adapted for use as a changing table as described in claims 29, 30, 31 or 32 wherein the adjusting means is disposed at the leg end of the Y-shaped strap member adjacent the resistance plate member.

50. A co-sleeper convertibly adapted for use as a changing table as described in claims 33, 34 or 35 wherein the adjusting means is disposed at a point on the strap member adjacent the hook member.

51. A co-sleeper convertibly adapted for use as a changing table as described in claims 36, 37, 38 or 39 wherein the adjusting means is disposed at the leg end of the Y-shaped strap member adjacent the hook member.

52. A co-sleeper convertibly adapted for use as a changing table as described in claims 40, 41, 42 or 43 wherein the adjusting means are disposed at points on the first and second strap member adjacent the first and second resistance plate members.

53. A co-sleeper convertibly adapted for use as a changing table as described in claims 44, 45, 46 or 47 wherein the adjusting means are disposed at points on the first and second strap member adjacent the first and second hook members.

\* \* \* \* \*